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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/796,833

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Woo-Jin Lee

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EXAMINER

TAKELE, MESEKER

ART UNIT

PAPER NUMBER

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/796,833	Applicant(s) LEE, WOO-JIN	
	Examiner MESEKER TAKELE	Art Unit 2174	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02/21/2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2, 5-9, and 12-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2, 5-9, and 12-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This communication is responsive to the RCE and Amendment filed 02/21/2008.
2. Claims 1-2, 5-9 and 12-14 are pending in this application. Claims 1 and 8 are independent claims. In the instant Amendment, claims 1 and 8 are amended and claim 3, 4, 10 and 11 are cancelled. This action is made Non-Final.
3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claim Rejections - 35 USC § 103

4. Claims 1-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Edwards et al. (US Pub 2002/0032699) in view of Priestman et al. (US Patent No.: 6,812,954).

As to claim 1, Edwards discloses a method for displaying an HTML (HyperText Markup Language) document on a mobile communication terminal which can wirelessly access the Web and display HTML documents(such as, HTML document, display, mobile phone, mobile information terminal, paragraph [0227], [0018] and figure 5 (element555)), said method comprising wirelessly accessing the Web to receive an HTML document (paragraph [0027]), wherein said mobile terminal includes a radio frequency (RF) section through which the HTML document is received (paragraph [0190] and [0194]); recognizing hyperlink tags included in the HTML document (such as, tag, see paragraph [0115]); assigning different identification numbers to respective

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website addresses of hyperlinked elements according to said hyperlink tags (such as, the identifier assigned to a link may be any of several types of identifier, a number, paragraph [0024]);

storing image data of said identification numbers in a memory; recognizing the positions at which said hyperlinked elements in the HTML document are indicated; reading image data of the identification number corresponding to said inputted number key from said memory; synthesizing a video signal of said image data of said identification number read from the memory with a video signal of said corresponding hyperlinked element, and outputting the synthesized signal to a display section (abstract);

displaying the HTML document with said identification numbers inserted into the positions at which corresponding hyperlinked elements are displayed (example, these identifiers might appear on screen in addition to the link itself, hence the links may appear embedded in the text on screen as is usual with Web pages, but there may also be provided an area on screen which shows just the identifiers, see paragraph [0026]); and

accessing a hyperlinked address (such as, WWW address of the page, "http://...", see paragraph [0115]), with the assigned identification number corresponding to a number key inputted by a user, among said addresses of hyperlinked elements (such as, user, keypad, abstract and Figure 2).

However Edwards does not specifically disclose wirelessly accessing the Web to receive an HTML document, wherein said mobile terminal includes a radio frequency (RF) section through which the HTML document is received.

Priestman from the same field of endeavor disclose wirelessly accessing the Web to receive an HTML document, wherein said mobile terminal includes a radio frequency

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(RF) section through which the HTML document is received (such as, infra-red communications, proximate wireless transfer of data, Internet browser application, and appropriate data communications capabilities via the radio interface of the mobile communications system, radio frequency, col., 9 lines, 46-58, col., 4 lines, col., 4 lines, 33-41).

It would have been obvious to one of ordinary skill in the art to modify Edward's user interface at the time the invention was made with radio frequency as taught by Priestman.

The motivation to combine would be to provide a radio interface for transmitting and receiving radio signals to and from a mobile communications system.

As to claim 2, Edwards discloses, wherein said third step includes a step of storing in a memory a table which maps said addresses of hyperlinked elements to said corresponding identification numbers (Figure 2 (element 215)) it is inherent that the links with the corresponding identification number which are displayed in figure 2, is retrieved from a table which is stored in a storage area (such as, stored at the server to be accessed, paragraph [0027] in order to be retrieved and displayed.

As to claim 5, Edwards discloses, wherein said hyperlinked elements include phrases and images (such as, Pages consisting of text, graphics, video files etc., and paragraph [0002]).

As to claim 6, Edwards discloses, wherein the display of said HTML document includes an input window for showing the assigned identification number (such as, 001, 002, Figure 2 (element 215)).

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As to claim 7, Edwards discloses wherein said HTML document has an activated part and an inactivated part (example activating links, once the summarizer is activated, it would be operational until a command is given to disable it, (considering disable is inactive) paragraph [0001], [0011] and [0210]), and said displaying step includes: serially assigning identification numbers to hyperlinked addresses of hyperlink tags included in a newly activated part of said HTML document (such as, 001, 002, Figure 2, (element 215)); and displaying said newly activated part with the identification numbers inserted into the positions at which corresponding hyperlinked elements are displayed (example, 001, 002, Figure 2, (element 215)).

Claim 8 is similar in scope to claim 1 respectively, and is therefore rejected under similar rationale.

As to claim 9, Edwards discloses, wherein said control section further comprises a hyperlink selection number table generating section for mapping the recognized hyperlinked addresses to corresponding identification numbers and storing said hyperlinked address as a table in a memory (such as, stored at the server to be accessed, table, memory, paragraph [0027], [0059] and [0186]).

As to claim 12, Edwards discloses, wherein said hyperlinked elements include phrases and images (such as, Pages consisting of text, graphics, audio files, video files etc., and paragraph [0002]).

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As to claim 13, Edwards discloses, wherein said HTML document includes an input window for showing the assigned identification number (such as, input, step 640 add a three digit number to the link text, paragraph [0103], [0119] and figure 2).

As to claim 14, Edwards discloses, wherein said HTML document has an activated part and an inactivated part (such as, activating links, once the summarizer is activated, it would be operational until a command is given to disable it (disable considered inactive) paragraph [0001], [0011] and [0210]), and said control section activates the inactivated part of said HTML document by the selection of keys on a key input section (such as, activating means responding to user selections, key-presses which activate links, mouse, paragraph [0011], [0017] and abstract) newly assigns identification numbers to hyperlinked addresses of hyperlink tags included in the newly activated part (such as, activated, new page, retrieved, paragraph [0076]), and displays the newly activated part with the identification numbers inserted into the positions at which corresponding hyperlinked elements are displayed (such as, displayed page up-to-date, paragraph [0086], [0116] and figure 6).

Response to Arguments

5. Applicant's arguments with respect to the independent claims have been fully considered but they are not persuasive.

Applicant argues that:

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the combination of Edwards and Priestman fails to teach, suggest or render obvious each and every limitation of amended Claim 1.

The Examiner disagrees for the following reasons:

(Per Claim 1) Edwards discloses a method for displaying an HTML (HyperText Markup Language) document on a mobile communication terminal which can wirelessly access the Web and display HTML documents (such as, HTML document, display, mobile phone, mobile information terminal, paragraph [0227], [0018] and figure 5 (element 555)), said method comprising wirelessly accessing the Web to receive an HTML document (paragraph [0027]), wherein said mobile terminal includes a radio frequency (RF) section through which the HTML document is received (paragraph [0190] and [0194]); recognizing hyperlink tags included in the HTML document (example, tag, see paragraph [0115]); assigning different identification numbers to respective website addresses of hyperlinked elements according to said hyperlink tags (such as, the identifier assigned to a link may be any of several types of identifier, a number, paragraph [0024]);

storing image data of said identification numbers in a memory; recognizing the positions at which said hyperlinked elements in the HTML document are indicated; reading image data of the identification number corresponding to said inputted number key from said memory; synthesizing a video signal of said image data of said identification number read from the memory with a video signal of said corresponding hyperlinked element, and outputting the synthesized signal to a display section

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(abstract); displaying the HTML document with said identification numbers inserted into the positions at which corresponding hyperlinked elements are displayed (example, these identifiers might appear on screen in addition to the link itself, hence the links may appear embedded in the text on screen as is usual with Web pages, but there may also be provided an area on screen which shows just the identifiers, see paragraph [0026]) and; accessing a hyperlinked address (example, WWW address of the page, "<http://...>", see paragraph [0115], with the assigned identification number corresponding to a number key inputted by a user, among said addresses of hyperlinked elements (example, user, keypad, see abstract and figure 2).

Priestman discloses wirelessly accessing the Web to receive an HTML document, wherein said mobile terminal includes a radio frequency (RF) section through which the HTML document is received (example, infra-red communications, proximate wireless transfer of data, Internet browser application, and appropriate data communications capabilities via the radio interface of the mobile communications system, radio frequency, (col., 9 lines, 46-58, col., 4 lines, col., 4 lines, 33-41).

Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MESEKER TAKELE whose telephone number is (571)270-1653. The examiner can normally be reached on Monday - Friday 7:30AM-5:00PM est.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/SY D. LUU/

Primary Examiner, Art Unit 2174

/M. T./

Examiner, Art Unit 2174